

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/051054

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D221/12 A61K31/473 C07D401/12 C07D471/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

C DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	WO 97/28131 A (BYK GULDEN LOMBERG CHEM FAB ;GUTTERER BEATE (DE)) 7 August 1997 (1997-08-07) cited in the application the whole document	5-10
A	-----	1-4, 11-18
Y	WO 99/05113 A (BYK GULDEN LOMBERG CHEM FAB ;GUTTERER BEATE (DE)) 4 February 1999 (1999-02-04) cited in the application the whole document	5-10
A	-----	1-4, 11-18
	-----	-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex

*** Special categories of cited documents**

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *T* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

18 August 2005

31/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 851 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fink, D

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/051054

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
P,Y	WO 2004/019944 A (ALTANA PHARMA AG; KAUTZ, ULRICH; SCHMIDT, BEATE) 11 March 2004 (2004-03-11) cited in the application the whole document -----	5-10

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORTInternational application No
PCT/EP2005/051054**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely.
Although claims 17 and 18 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2005/051054

Patent document cited in search report	Publication date	Patent family member(s)		Publication date	
WO 9728131	A 07-08-1997	DE 19603321 A1 AT 233735 T AU 707058 B2 AU 1719997 A BR 9707233 A CA 2245142 A1 CN 1214681 A ,C CZ 9802414 A3 DE 59709437 D1 DK 882021 T3 EA 1205 B1 EE 9800223 A WO 9728131 A1 EP 0882021 A1 ES 2194180 T3 HU 9900666 A2 IL 125286 A JP 2000503996 T NO 983505 A NZ 331374 A PL 328019 A1 PT 882021 T SI 882021 T1 SK 102498 A3 US 6191138 B1			07-08-1997 15-03-2003 01-07-1999 22-08-1997 20-07-1999 07-08-1997 21-04-1999 16-12-1998 10-04-2003 23-06-2003 25-12-2000 15-12-1998 07-08-1997 09-12-1998 16-11-2003 28-06-1999 14-08-2002 04-04-2000 11-09-1998 28-01-2000 04-01-1999 31-07-2003 31-10-2003 10-03-1999 20-02-2001
WO 9905113	A 04-02-1999	AT 228507 T AU 756349 B2 AU 9154698 A CA 2297911 A1 DE 69809754 D1 DE 69809754 T2 DK 1000035 T3 EE 200000032 A WO 9905113 A1 EP 1000035 A1 ES 2189235 T3 HU 0003311 A2 JP 2001510827 T PL 338452 A1 PT 1000035 T US 6121279 A		15-12-2002 09-01-2003 16-02-1999 04-02-1999 09-01-2003 18-09-2003 17-03-2003 16-10-2000 04-02-1999 17-05-2000 01-07-2003 28-03-2001 07-08-2001 06-11-2000 30-04-2003 19-09-2000	
WO 2004019944	A 11-03-2004	AU 2003255493 A1 CA 2495827 A1 WO 2004019944 A1 EP 1539164 A1		19-03-2004 11-03-2004 11-03-2004 15-06-2005	